FULL LIST OF APPROVED ELECTIVES

Elective coursework will be selected in consultation with the Graduate Program Chair and Advisor. At least 6 hours must be graduate only courses (courses ending in zero, 8xx0). Electives may be chosen from Economics as well as courses in other departments as listed below. Students are strongly encouraged to complete an area of concentration which requires 9 hours of elective courses. Students’ area(s) of concentration will appear in the transcript. Not all elective courses are offered each semester. Detailed course descriptions are included in the UNO Graduate Catalog, which is available online at https://catalog.unomaha.edu/graduate/. Students are responsible for determining if he/she has the necessary prerequisites to take each class.

Economics Electives:
- ECON 8010 Seminar in Public Finance
- ECON 8020 Environmental Economics and Management
- ECON 8050 Economic Education
- ECON 8210 Managerial Economics
- ECON 8230 Business Conditions Analysis
- ECON 8310 Business Forecasting
- ECON 8316 Business Intelligence
- ECON 8320 Tools for Data Analysis
- ECON 8330 Data Analysis from Scratch
- ECON 8600 Health Economics
- ECON 8910 Special Studies in Economics
- ECON 8920 Independent Study
- ECON 8930 Independent Study
- ECON 8940 Economic Internship
- ECON 8216/4210 Industrial Organization
- ECON 8326/4320 Natural Resource Economics
- ECON 8346/4340 Economics of Technology
- ECON 8456/4450 Monetary Theory and Policy
- ECON 8616/4610 International Trade
- ECON 8626/4620 International Monetary Economics
- ECON 8666/4660 International Economic Development
- ECON 8736/4730 Economics of Entrepreneurship
- ECON 8856/4850 Economics of Urban and Regional Development
- ECON 8916/4910 Special Topics in Economics

Accounting Electives:
- ACCT 8210 Financial Accounting Theory
- ACCT 8220 Graduate Topics in Income Taxation
- ACCT 8260 Federal Tax Research and Planning
- ACCT 8016/4010 Advanced Financial Accounting
- ACCT 8046/4040 Advanced Federal Income Taxation
- ACCT 8066/4060 Advanced Managerial Accounting

Mathematics Electives:
- MATH 8250 Partial Differential Equations
- MATH 8450 Calculus of Variations
- MATH 8500 Numerical Analysis I
- MATH 8510 Numerical Analysis II
- MATH 8520 Advanced Topics in Operations Research
- MATH 8650 Introduction to Probability Models
- MATH 8670 Topics in Probability and Statistics
- MATH 8056/MATH 4050 Linear Algebra
- MATH 8235/MATH 4235 Introduction to Analysis
- MATH 8236/MATH 4236 Mathematical Analysis I
- MATH 8246/MATH 4246 Mathematical Analysis II
- MATH 8306/MATH 4300 Deterministic Operations Research Models
- MATH 8316/MATH 4310 Probabilistic Operations Research Models

Public Administration Elective:
- PA 8300 Policy Design and Implementation
- PA 8826/GEOG 8826 Introduction to Environmental Law & Regulations

Information Systems Electives:
- ISQA 8160 Applied Distribution Free Statistics
- ISQA 8180 Electronic Commerce
- ISQA 8410 Database Management
- ISQA 8700 Data Mining: Theory and Practice
- ISQA 9120 Applied Experimental Design and Analysis
- ISQA 8206/ISQA 4200 Information and Data Quality Management
- ISQA 8736/ISQA 4730 Decision Support Systems

Business Administration Electives:
- BSAD 8610 Current Problems in Real Estate and Land Use Economics
- BSAD 8630 Finance: Understanding Capital and Cash
- BSAD 8710 Supply Chain Management
- BSAD 8720 Strategic Financial Management
- BSAD 8336/SCMT 4330 Project Management
- BSAD 8356/SCMT 4350 Global Sourcing and Innovation
- BSAD 8376/SCMT 4370 Supply Chain Analytics
- BSAD 8386/SCMT 4380 Industrial Purchasing and Logistics Management
- BSAD 8916/ECON 8916 Special Topics in Economics

*2-credit course

MATH 8336/MATH 4330 Introduction to Partial Differential Equations
MATH 8356/MATH 4350 Ordinary Differential Equations
MATH 8616/MATH 4610 Elementary Topology
MATH 8746/MATH 4740 Introduction to Probability and Statistics I
MATH 8756/MATH 4750 Introduction to Probability and Statistics II

MATH 8766/MATH 4760 Topics in Modeling

Statistics Electives:
STAT 8426/4420 Exploratory Data Visualization and Quantification
STAT 8446/4440 Time Series Analysis

Master’s of Economics Concentrations are listed on the next page
FULL LIST OF MASTER’S OF ECONOMICS CONCENTRATIONS

The Economics Graduate Program offers concentrations in the areas listed below. A concentration shall include at least nine (9) credit hours.

**Business Economics:**
(select 3 courses from below)
- ECON 8020/BSAD 8020 Environmental Economics and Management
- ECON 8210/BSAD 8100 Managerial Economics
- ECON 8216/ECON 4210 Industrial Organization
- ECON 8230 Business Conditions Analysis
- ECON 8310/BSAD 8080 Business Forecasting
- ECON 8346/ECON 4340 Economics of Technology
- ECON 8456/ECON 4450 Monetary Theory and Policy
- ECON 8616/ECON 4610 International Trade
- ECON 8626/ECON 4620 International Monetary Economics
- ECON 8736/ECON 4730/BSAD 8736 Economics of Entrepreneurship
- ECON 8940 Economic Internship

**Econometrics and Data Analytics:**
(required courses)
- ECON 8320 Tools for Data Analysis
- ECON 8310/BSAD 8080 Business Forecasting
- ECON 8330 Data Analysis from Scratch

**Growth and Innovation Economics:**
(select 3 courses from below)
- ECON 8216/ECON 4210 Industrial Organization
- ECON 8346/ECON 4340 Economics of Technology
- ECON 8666/ECON 4660 International Economic Development
- ECON 8736/ECON 4730/BSAD 8736 Economics of Entrepreneurship
- BSAD 8356/SCMT 4350 Global Sourcing and Innovation

**International Economics:**
(select 3 courses from below)
- ECON 8616/ECON 4610 International Trade
- ECON 8626/ECON 4620 International Monetary Economics
- ECON 8666/ECON 4660 International Economic Development
- BSAD 8356/SCMT 4350 Global Sourcing and Innovation
- BSAD 8540 Multinational Financial Management

**Monetary and Financial Economics:**
(select 3 courses from below)
- ECON 8010 Seminar in Public Finance
- ECON 8626/ECON 4620 International Monetary Economics
- ECON 8456/ECON 4450 Monetary Theory and Policy
- BSAD 8510 Security Analysis

**Ph.D. Preparatory:**
(select 3 courses from below)
- ECON 8010 Seminar in Public Finance
- ECON 8020/BSAD 8020 Environmental Economics and Management
- ECON 8216/ECON 4210 Industrial Organization
- ECON 8310/BSAD 8080 Business Forecasting
- ECON 8346/ECON 4340 Economics of Technology
- ECON 8456/ECON 4450 Monetary Theory and Policy
- ECON 8600 Health Economics
- ECON 8616/ECON 4610 International Trade
- ECON 8626/ECON 4620 International Monetary Economics
- ECON 8736/ECON 4730/BSAD 8736 Economics of Entrepreneurship
- MATH 8056/MATH 4050 Linear Algebra
- MATH 8235/MATH 3230 Introduction to Analysis
- MATH 8236/MATH 4230 Mathematical Analysis I
- MATH 8746/MATH 4740 Introduction to Probability and Statistics I

**Public Policy Economics:**
(select 3 courses from below)
- ECON 8010 Seminar: Public Finance
- ECON 8020/BSAD 8020 Environmental Economics and Management
- ECON 8210/BSAD 8100 Managerial Economics
- ECON 8216/ECON 4210 Industrial Organization
- ECON 8230 Business Conditions Analysis
- ECON 8326/ECON 4320 Natural Resource Economics
- ECON 8346/ECON 4340 Economics of Technology
- ECON 8456/ECON 4450 Monetary Theory and Policy
- ECON 8600 Health Economics
- ECON 8736/ECON 4730/BSAD 8736 Economics of Entrepreneurship
- BSAD 8856/ECON 4850 Economics of Urban and Regional Development
- PA 8300 Policy Design and Implementation

**Trade and Global Value Chains:**
(required courses)
- ECON 8616/ECON 4610 International Trade
- BSAD 8710 Supply Chain Management

(select 1 course from below)
- ECON 8216/ECON 4210 Industrial Organization
- ECON 8230 Business Conditions Analysis
- ECON 8310/BSAD 8080 Business Forecasting
- BSAD 8356/SCMT 4350 Global Sourcing and Innovation